

A5



pct09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,182

DATE: 01/24/2002

TIME: 13:41:14

Input Set : A:\B4175pct.app

Output Set: N:\CRF3\01242002\I831182.raw

ENTERED

3 <110> APPLICANT: COLLOCA, STEFANO
5 <120> TITLE OF INVENTION: CELLS FOR THE PRODUCTION OF HELPER DEPENDENT ADENOVIRAL
6 VECTORS, METHOD FOR THE PREPARATION AND USE THEREOF
8 <130> FILE REFERENCE: 618769-8/JP/B-4175 PCT
10 <140> CURRENT APPLICATION NUMBER: 09/831,182
11 <141> CURRENT FILING DATE: 2001-07-18
13 <150> PRIOR APPLICATION NUMBER: PCT/IT99/00356
14 <151> PRIOR FILING DATE: 1999-11-08
16 <150> PRIOR APPLICATION NUMBER: IT RM98A000694
17 <151> PRIOR FILING DATE: 1998-11-08
19 <160> NUMBER OF SEQ ID NOS: 18
21 <170> SOFTWARE: PatentIn Ver. 2.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 29
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
30 oligonucleotide
32 <400> SEQUENCE: 1
33 ttatacgcgt gccaccatga ctacgtccg 29
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 28
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
43 oligonucleotide
45 <400> SEQUENCE: 2
46 ttatgctagc gcgaaggaga agtccacg 28
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 28
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
56 oligonucleotide
58 <400> SEQUENCE: 3
59 atgcgcggcc gctgagttcc tcaagagg 28
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 32
64 <212> TYPE: DNA
65 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

DATE: 01/24/2002

PATENT APPLICATION: US/09/831,182

TIME: 13:41:14

Input Set : A:\B4175pct.app

Output Set: N:\CRF3\01242002\I831182.raw

```

67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
69     oligonucleotide
71 <400> SEQUENCE: 4
72 atgcgtcgcac cagtacctca atctgtatct tc                      32
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 31
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
82     oligonucleotide
84 <400> SEQUENCE: 5
85 ctgattaatt aaataggcgt atcacgaggc c                      31
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 25
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
95     oligonucleotide
97 <400> SEQUENCE: 6
98 ctgacgatcg cgtacacgcc tactc                      25
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 34
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
108     oligonucleotide
110 <400> SEQUENCE: 7
111 agtgacacaat tgatttaaataaatccgcgcg gtgg                      34
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 24
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
121     oligonucleotide
123 <400> SEQUENCE: 8
124 tgcaatcgat caacgcgggc atcc                      24
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 24
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
134     oligonucleotide
136 <400> SEQUENCE: 9

```

RAW SEQUENCE LISTING

DATE: 01/24/2002

PATENT APPLICATION: US/09/831,182

TIME: 13:41:14

Input Set : A:\B4175pct.app

Output Set: N:\CRF3\01242002\I831182.raw

```

137 tcgaatcgat acgcgaacct acgc 24
140 <210> SEQ ID NO: 10
141 <211> LENGTH: 37
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
147     oligonucleotide
149 <400> SEQUENCE: 10
150 tcgacgtgtc gacttcgaag cgcacaccaa aaacgtc 37
153 <210> SEQ ID NO: 11
154 <211> LENGTH: 94
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
160     oligonucleotide
162 <400> SEQUENCE: 11
163 gcggttaggc tgtcttctt ctcgactgac tccatgatct tttctgcct ataggagaag 60
164 gaatcccggc ggatttgtcc tactcaggag agcg 94
167 <210> SEQ ID NO: 12
168 <211> LENGTH: 88
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
174     oligonucleotide
176 <400> SEQUENCE: 12
177 aaatgctttt attgtacac tctcgggtga ttatttaccc ccacccttgc cgtctgcgcc 60
178 gttctgcaaa ccctatgcta ctccgtcg 88
181 <210> SEQ ID NO: 13
182 <211> LENGTH: 89
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
188     oligonucleotide
190 <400> SEQUENCE: 13
191 acggcctggt aggcgcagca tcccttttct acgggtagcg cgtatgcctg cgcggccttc 60
192 cggctctgcaa accctatgct actccgtcg 89
195 <210> SEQ ID NO: 14
196 <211> LENGTH: 90
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
202     oligonucleotide
204 <400> SEQUENCE: 14
205 agacctatac ttggatgggg gcctttggga agcagctcgt gcccttcattg ctggatcatgt 60

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,182

DATE: 01/24/2002

TIME: 13:41:14

Input Set : A:\B4175pct.app

Output Set: N:\CRF3\01242002\I831182.raw

```

206 cccggcggat ttgtcctact caggagagcg                      90
209 <210> SEQ ID NO: 15
210 <211> LENGTH: 80
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
216     oligonucleotide
218 <400> SEQUENCE: 15
219 ccgcctcccg gtgcgccgctc gtgcgccgctc tgtccccctt cccccaccgt cccggcggat 60
220 ttgtcctact caggagagcg                      80
223 <210> SEQ ID NO: 16
224 <211> LENGTH: 78
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
230     oligonucleotide
232 <400> SEQUENCE: 16
233 gatctccgcg tccggctcgc tccacggtgg cggcgaggctc gttggaaatg cgtctgcaaa 60
234 ccctatgcta ctccgctc                      78
237 <210> SEQ ID NO: 17
238 <211> LENGTH: 76
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
244     oligonucleotide
246 <400> SEQUENCE: 17
247 tcgacagaag caccatgtcc ttgggtccgg cctgctgaat gcgcaggcgg tctgcaaacc 60
248 ctatgtctact ccgtcg                      76
251 <210> SEQ ID NO: 18
252 <211> LENGTH: 82
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
258     oligonucleotide
260 <400> SEQUENCE: 18
261 tcgcccccg agccccggcc accctacgct ggccccctcta ccgccagccg ctcccggcgg 60
262 atttgtccta ctcaggagag cg                      82

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/831,182

DATE: 01/24/2002

TIME: 13:41:15

Input Set : A:\B4175pct.app

Output Set: N:\CRF3\01242002\I831182.raw